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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: PAUL R. MARGIOTT ET AL. Docket No.: 01-551

Serial No.:

Examiner :

Filed :

Art Unit :

For : FUEL CELL POWER PLANT USED AS REFORMATE

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New Haven, CT 06510-2802



INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks  
United States Patent and Trademark Office  
Washington, DC 20231

Dear Sir:

In accordance with the requirements of 37 C.F.R. 1.97 and 1.98, Applicant hereby submits the prior art documents listed hereinbelow, copies enclosed.

1. U.S. Patent No. 5,009,967, Patented April 23, 1991, By Scheffler, for FUEL CELL POWER PLANT FUEL CONTROL. This reference relates to fuel cell current sensed and during transient, a feed forward demand signal sent to the fuel flow regulator. A nominal desired reformer temperature is established for the new fuel cell current. This desired temperature signal is dynamically compensated to establish the operating temperature set point. A predominantly lead compensation is achieved for desired temperature increase and a predominantly lag compensation for a desired temperature decrease. In reliance on the temperature as a result of the system input reduces reliance on the accuracy of fuel flow measurement and on the consistency of fuel heating value.

2. U.S. Patent No. 5,335,628, Patented August 9, 1994, By Dunbar, for INTEGRATED BOILER/FUEL CELL SYSTEM.

This reference relates to a fuel cell and a boiler coupled in such a manner that the water used to capture excess heat generated by the fuel cell is used for boiler feedwater heating. In one embodiment, steam generated by the boiler is used in an operation that converts the steam to condensate, and the condensate is returned to the fuel cell for use as a heat sink for the thermal energy generated within the fuel cell unit.

3. International Publication No. WO 00/74164, Published December 7, 2000, By Scholten et al., for FUEL CELL SYSTEM FOR GENERATING ELECTRIC ENERGY AND HEAT. This reference relates to a system provided with a fuel processor for generating hydrogen from a hydrocarbon compound or from mixtures of hydrocarbon compounds and a combustion path, along which the generated hydrogen is passed for combustion. Included in the combustion path is at least one fuel cell for generating electric energy. The system is further provided with a first heat exchanger and a second heat exchanger which, on the one hand, are series included in the combustion path downstream of the fuel cell, a first heating circuit in which the fuel cell is included, and a second heating circuit in which the fuel processed is included. The first heat exchanger, on the other hand, is included in the first heating circuit. The second heat exchanger, on the other hand, is included in the second heating circuit.

Copies of the foregoing patents are enclosed herewith along with a listing on form PTO-1449.

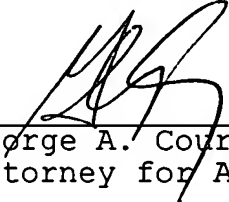
The undersigned submits the above-identified references for independent consideration by the Examiner and does not

make any admission that these references are or are not material to the present invention or that these references are or are not prior art with respect to the present invention.

If any fees are required in connection with this case, it is respectfully requested that they be charged to Deposit Account No. 02-0184.

Respectfully submitted,

PAUL R. MARGIOTT ET AL.

By   
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Date: January 28, 2002

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PAUL R. MARGIOTT ET AL.

01-551

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Date Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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